

Product datasheet for **TP505188**

Gmpr (NM_025508) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse guanosine monophosphate reductase (Gmpr), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR205188 representing NM_025508 Red =Cloning site Green =Tags(s)

MPRIDADLKLDKDFKDVLLRPKRSSLKSRSEVDLERTFFRNSKQTYSGIPIIVANMDTVGTFEMAVVMSQH
AMFTAVHKKHYSLDDWKCFETHPECLQHVAVSSGSGQNDLERMSRILEAVPQVKFICLDVANGYSEHFVE
FVKLVRSKFPEHTIMAGNVVTGEMVEELILSGADIKVGVPVSVCTTRTKTGVPQLSAVIECADSAH
GLKGHIISDGGCTCPGDVAKAFGAGADFMVLLGGMFSGHTECAGEVIERNQKLLKLFYGMSSDTAMKKHAG
GVAEYRASEGKTVEVPYKGDVENTILDILGGLRSTCTVYVGAALKKELSRRTAFIRVTQQHNTVFG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	37.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_079784
Locus ID:	66355
UniProt ID:	Q9DCZ1



[View online »](#)

RefSeq Size: 1584

Cytogenetics: 13 A5

RefSeq ORF: 1035

Synonyms: 2310004P21Rik; AV028449; GMPR 1

Summary: A similar gene in human encodes an enzyme that catalyzes the irreversible and NADPH-dependent reductive deamination of GMP to IMP. The protein also functions in the re-utilization of free intracellular bases and purine nucleosides. [provided by RefSeq, May 2015]